

VP Series

ViPR Vibration Protection & Relay System

Product Features

Protect critical machinery & processes from excessive vibration & catastrophic failure:

The VP Series Protection & Relay System from PRO will display the vibration level from a signal conditioner or a loop power sensor, with the capability to trigger alarms and shutdown machinery based on the amplitude of the overall vibration within a selected frequency range. Dual output versions display both vibration and temperature.

- Sunlight viewable display of vibration levels: IPS, g's, mils or customized scale
- Protect critical equipment with relays to trigger alarms or shutdown
- 4-20 mA retransmission for use with PLC, DCS or SCADA systems
- Pre-wired for turnkey solution - just wire sensors and output into easily accessible screw terminals
- Signal Conditioners and Displays/Relays Included in Price



Specifications

Input Sources

- SC series vibration signal conditioners with standard sensors
- LP Series loop power sensors
- Each 4-20 mA output requires isolated common (not shared)
- Input source must be ordered and specified separately, allowing a wide variety of monitoring options
- Operating temperature range 32°F (0°C) to 140°F (60°C)
- Supply voltage of 85 to 265 VAC universal power supply
- Dual output versions available in one and two channel configurations

Enclosure

- NEMA 4X (IP66 equivalent)
- Strong, UV stabilized, molded fiberglass reinforced polyester construction with matching cover (not available in stainless steel)
- UV resistant polycarbonate viewing window
- Continuous stainless steel hinge
- 304 stainless steel snap latches
- 304 stainless steel wall mounting feet with 10-32 stainless steel screws included
- 304 stainless steel back plate

Cooling is required if internal temperature of VP enclosure exceeds 140°F (60°C).

